Operation Iraqi Freedom

•Kms	1625
•Main Gun	1026
•.50 cal	51,000
•7.62 mm	110,000

- **Combat Damage**
  - **RPGs**
  - **FOD**
  - **Small arms**

Operation Iraqi Freedom II Lessons Learned

- **Fallujah Nov 2004**
- **Tank Infantry cooperation**
  - **TTPs successfully being refined in response to enemy initiatives**
  - **Most engagements within 200M**
  - **Personnel must appreciate the vertical or 3 dimensional aspect of urban warfare**
  - **Use of Tanks by Section has become routine - wingman essential**
  - **TI Phone essential**
  - **Coordinating fires important given the number of units in such a confined area**
  - **Tank Blades useful in breeching operations when bulldozer unavailable**

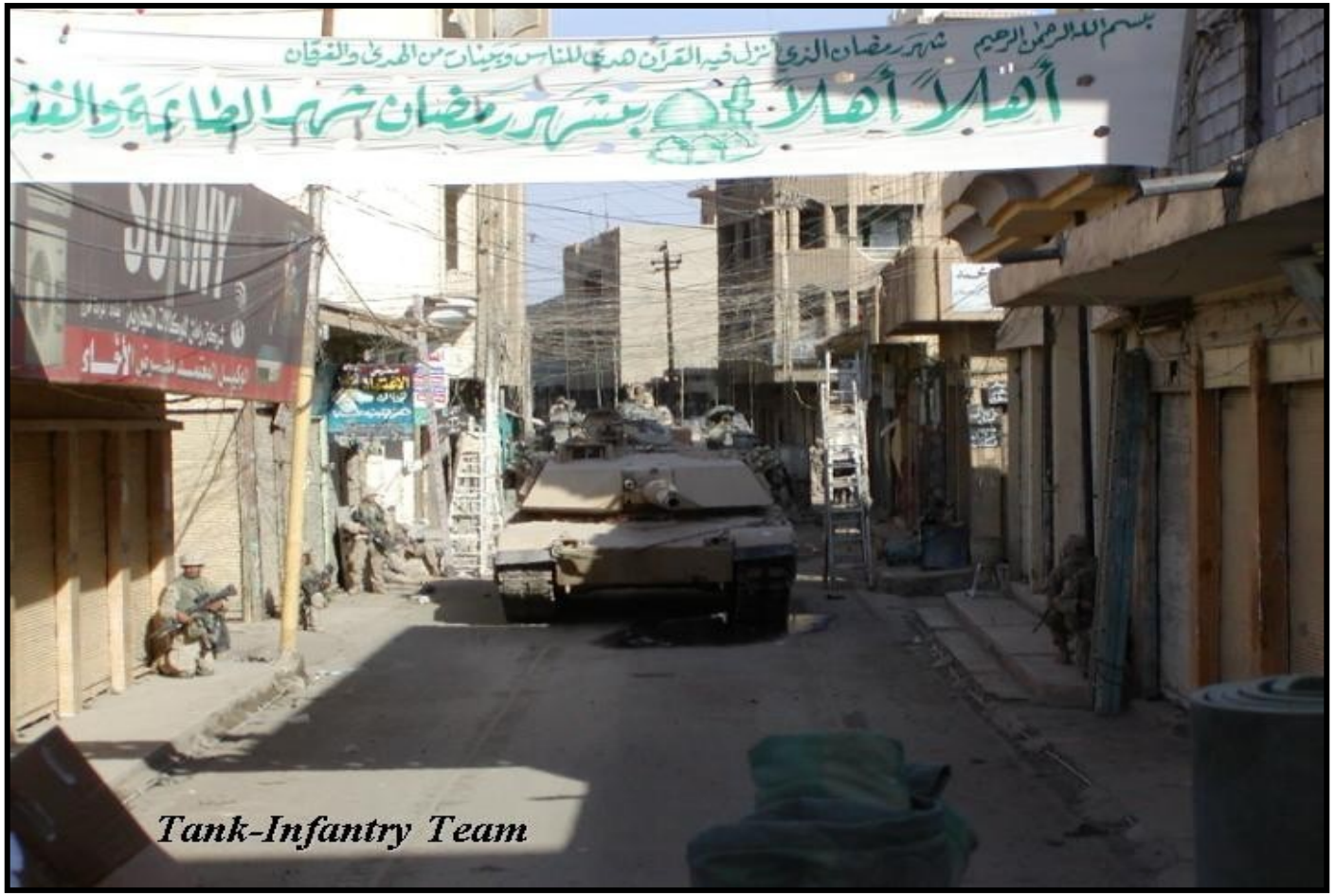
Operation Iraqi Freedom
Lessons Learned

- **Remove or replace Loader's Weapon**
  - **Removing M240 maximizes use of Commander's Weapon without seriously reducing firepower, provides additional weapon for other uses**
- **Ability to coordinate supporting arms under armor (FO/FAC) helpful**
- **Mobile Data Automated Communications Terminal (MDACT)**
  - **Useful if connectivity can be maintained**
  - **Consider moving mount**
  - **Consider resetting hibernation times**

Operation Iraqi Freedom Lessons Learned

- Need for for more M16/M4s per tank
- Need for quick or snatch towing capability
- Consider air conditioning or climate control system for Tank
- COAX weapon needs a larger brass catcher or indicator
- Approved family of munitions
  - APERS would have been useful
  - Training SABOT goes through local construction
  - HEAT considered most effective for this environment
  - MPAT does less collateral damage than HEAT but just as effective in breeching
  - MPAT-OR limited effectiveness with some overkill on buildings

Fallujah Nov 2004



Summary

“Our tanks strengthen the moral of the infantry to a tremendous extent, even if employed only in small numbers……

Summary

……and experience has shown that they have a considerable demoralizing effect on the enemy.”

Questions?